| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|---------|--|--|---------------------|---------|------------------|
| SI | 1 | 10/624601.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 11:08 |
| S2 | 431 | (imperfect adj connection) or (discontinued adj areas) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 13:33 |
| S3 | 1 | S1 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 14:55 |
| S4 | 239 | 345/206.cels. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 11:21 |
| S5 | 10 | takenaka-yuuichi.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 12:19 |
| S7 | 5855714 | gap or hole or (imperfect near connection) or space | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ΟŇ | 2005/11/14 12:21 |
| S8 | 265369 | S6 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:20 |
| S9 | 82 | S8 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 12:28 |
| S10 | 419089 | resin and conduct\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 12:28 |

| S11 | 23 | S9 and S10 | HE DODIE. | OR | ON | 2005/11/14 12:50 |
|-----|--------|---|--|------|-----|------------------|
| 211 | 23 | Sy and Siv | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OIN | 2005/11/14 12:58 |
| S12 | 186826 | thermal near (expansion or expanding or expand) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 12:59 |
| S13 | 8 | S12 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 13:00 |
| S14 | 2 | S11 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 13:08 |
| S15 | 1517 | 349/158.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 13:08 |
| S16 | 270 | S15 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM TDB | OR | ON | 2005/11/14 13:19 |
| S17 | 1372 | 349/155.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR . | ON | 2005/11/14 13:20 |
| S18 | 303 | S17 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 13:20 |
| S19 | | S2 and "349".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 13:33 |

| S20 | 52081 | insulating adj substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2005/11/14 14:55 |
|-----|---------|---|--|----|----|------------------|
| | | | DERWENT ; IBM_TDB | • | | |
| S21 | | S1 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 14:57 |
| S22 | 5855714 | gap or hole or (imperfect near connection) or space | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:21 |
| S23 | 573394 | (insulat\$3 near3 (substrate or layer or part)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:20 |
| S24 | 265369 | S22 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:20 |
| S25 | 6076752 | gap or hole or (imperfect near connection) or space or slit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:21 |
| S26 | 269060 | S25 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:21 |
| S27 | 1517 | 349/158.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:22 |
| S28 | 188 | S26 and S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:39 |

| S29 | 253878 | PCB or (printed adj circuit adj board) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:40 |
|------------------|--------|--|--|----|----|------------------|
| S30 | 18476 | S29 and S25 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:40 |
| S31 | 961 | 349/84.cels. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:40 |
| S32 | . 1 | S30 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:41 |
| S33 | 1372 | 349/155.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:41 |
| S34 | 11 | S30 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/14 17:41 |
| S35 | 239 | 3'45/206.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM TDB | OR | ON | 2005/11/15 08:07 |
| S36 | 961 | 349/84.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:07 |
| S37 _. | 1373 | 349/155.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:07 |

| | 1 | | | 1 | T | · · · · · · · · · · · · · · · · · · · |
|-----|---------|---|--|----|----|---------------------------------------|
| S38 | 1517 | 349/158.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:20 |
| S39 | 1137 | 349/138.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:20 |
| S40 | 5856777 | gap or hole or (imperfect near connection) or space | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:54 |
| S41 | 609 | S39 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:20 |
| S42 | 253972 | PCB or (printed adj circuit adj board) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:32 |
| S43 | 58501 | S40 same S42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:33 |
| S44 | 8 | S43 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:42 |
| S45 | 377 | 349/142.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 14:16 |
| S46 | 327 | 349/150.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:45 |

| S47 | 2 | S43 and S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:46 |
|-----|---------|---|--|----|----|------------------|
| S48 | 53 | S43 and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 08:46 |
| S50 | 271 | 349/151.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 09:35 |
| S51 | 253972 | PCB or (printed adj circuit adj board) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:59 |
| S52 | 158030 | resin same (conductive or conductor or conducting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:41 |
| S53 | 5146 | S52 same S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:42 |
| S54 | 37745 | "349".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:42 |
| S55 | 51 | S53 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:42 |
| S56 | 6834033 | gap or hole or (imperfect near connection) or space or slot or slit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:54 |

| S57 | 5613 | (multi-layered or (multi adj layered) or (multiple adj layered) or multi-layer or (multi adj layer) or (multiple adj layer)) with S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/15 15:56 |
|-----|--------|--|---|----|------|------------------|
| S58 | 1669 | S56 same S57 | ; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON - | 2005/11/15 15:57 |
| S59 | 11 | S54 and S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:57 |
| S60 | 132994 | S51 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 15:59 |
| S61 | 1037 | S60 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/15 16:00 |
| S62 | 117 | S61 and S52 | USPAT | OR | ON | 2005/11/15 16:06 |
| S63 | 370557 | Sharp Kabushiki Kaisha.As. | USPAT | OR | ON | 2005/11/15 16:18 |
| S64 | 53433 | S63 and slot | USPAT | OR | ON | 2005/11/15 16:18 |
| S65 | 80 | S63 and S58 | USPAT | OR | ON | 2005/11/15 16:19 |
| S66 | 2 | S65 and "349".clas. | USPAT | OR | ON | 2005/11/15 16:20 |
| S67 | 79838 | thermal adj expan\$5 | USPAT | OR | ON | 2005/11/15 16:33 |
| S68 | 14320 | "349".clas. | USPAT | OR | ON | 2005/11/15 16:20 |
| S69 | 544 | S67 and S68 | USPAT | OR | ON | 2005/11/15 16:20 |
| S70 | 466 | S69 and S56 | USPAT | OR | ON | 2005/11/15 16:22 |
| S71 | 137 | S67 and S52 and S57 and S56 | USPAT | OR | ON | 2005/11/15 16:34 |
| S72 | 7 | ("4506004" "4715117" "4728568" "5591353" "6272745" "6276055" "6631838").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/15 16:36 |
| S73 | 253972 | PCB or (printed adj circuit adj board) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 08:18 |

| S74 | 158030 | resin same (conductive or conductor or conducting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 08:18 |
|-----|---------|--|--|----|------|------------------|
| S75 | 6834033 | gap or hole or (imperfect near connection) or space or slot or slit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:44 |
| S76 | 5613 | (multi-layered or (multi adj layered) or (multiple adj layered) or multi-layer or (multi adj layer) or (multiple adj layer)) with S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:09 |
| S77 | 79838 | thermal adj expan\$5 | USPAT | OR | ON | 2005/11/16 08:18 |
| S78 | 137 | S77 and S74 and S76 and S75 | USPAT | OR | ON | 2005/11/16 10:35 |
| S79 | 21608 | TCP or (tape adj carrier adj package) or T-C-P | USPAT | OR | ON | 2005/11/16 08:25 |
| S80 | 5 | S74 and S76 and S75 and S77 and S79 | USPAT | OR | ON | 2005/11/16 08:28 |
| S81 | 239 | 345/206.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 13:23 |
| S82 | 8 | S81 and S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON . | 2005/11/16 08:27 |
| S83 | 9 | S74 and S76 and S75 and S79 | USPAT | OR | ON | 2005/11/16 08:28 |
| S84 | 271 | 349/151.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 09:55 |
| S85 | 424 | 349/152.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 10:03 |
| S86 | 5764619 | hannstar display corp.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 10:03 |

| S87 | 17 | S86 and S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; | OR | ON | 2005/11/16 10:17 |
|------|---------|--|--|----|-----------------|------------------|
| | | | DERWENT ; IBM_TDB | | | |
| S89 | l | 09/204130.app. | USPAT | OR | ON | 2005/11/16 10:19 |
| S90 | 53 | ("3913219" "3947956" "4416914" "4555745" "4566186" "4632845" "4774634" "4808434" "4870746" "5225969" "5298687" "5305523" "5347258" "5354599" "5384434" "5428190" "5502889" "5527998" "5599595" "5688584" "5716663" "5727310" "5747222" "5758575" "5763058" "5814366").PN. OR ("6021050").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/16 10:21 |
| S91 | 2990 | 428/209.ccls. | US-PGPUB; USPAT; USOCR | OR | ON _. | 2005/11/16 10:26 |
| S92 | 19 | S91 and S78 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/16 10:21 |
| S93 | 1065 | 428/194.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/16 10:26 |
| S94 | 3741037 | S75 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/16 10:26 |
| S95 | 503 | S75 and S93 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/16 10:31 |
| S96 | 2 | 09/136201.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/16 10:31 |
| S97 | 4 | S78 and "349".clas. | USPAT | OR | ON | 2005/11/16 10:37 |
| S98 | 54 | S79 and (prevent\$3 with S77) | USPAT | OR | ON | 2005/11/16 10:46 |
| S99 | 3236 | 438/106.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 10:48 |
| S100 | 59 | S99 and S76 and S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 10:49 |

| S101 | 86 | multiplelayer or multiplelayering with S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:10 |
|------|---------|--|--|----|----|------------------|
| S102 | 48 | S101 and S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:26 |
| S103 | 14007 | prevent\$3 same S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:26 |
| S104 | 11222 | S103 and S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:32 |
| S105 | 64 | S104 and S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:27 |
| S106 | 4584231 | (imperfect near connection) or space or slot or slit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:44 |
| S107 | 2530 | S76 and S106 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:44 |
| S108 | 491 | S107 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 11:45 |
| S109 | 573537 | (insulat\$3 near3 (substrate or layer or part)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 12:30 |

| S110 | 119 | S109 and S79 and S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 12:30 |
|------|-------|--|--|----|------|------------------|
| SIII | 239 | 345/206.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 13:18 |
| S112 | 1 | "6738123".pn. and insulat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 13:24 |
| S113 | 2 | ("6738123").URPN. | USPAT | OR | ON | 2005/11/16 13:24 |
| S114 | 6 | ("5745202" "5969780" "6198051" "6198521" "6369867" "6573954").PN. OR ("6870589").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/16 13:31 |
| S115 | 52097 | insulating adj substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 13:35 |
| S116 | 7 | S115 and S79 and S76 and S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 13:38 |
| S117 | 18 | ("6121553").URPN. | USPAT | OR | ON | 2005/11/16 14:22 |
| S118 | 1 | S116 and (semiconductor adj chip) | USPAT | OR | ON | 2005/11/16 14:23 |
| S119 | 0 | 10/624601.app. | USPAT | OR | ON | 2005/11/16 14:24 |
| S120 | 1 | 10/624601.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON . | 2005/11/16 14:24 |
| S121 | | S120 and (semiconductor adj chip) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 14:33 |
| S122 | 1 | resin and 09/204130.app. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/11/16 14:33 |